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# Fax Cover Sheet

**Date:** 03 Dec 2003

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<b>Re:</b> Interview Summary	<b>CC:</b>

☐ **Urgent**    ☒ **For Review**    ☐ **For Comment**    ☐ **For Reply**    ☐ **Per Your Request**

**Comments:**

Enclosed is the summary of the interview held on 12/03/03.

**Number of pages** 6 **including this page**

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Application Serial No. 09/769,672  
Draft Amendment dated December 1, 2003  
Reply to Office Action dated October 22, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)
Hildegard Römer et al.	) Group: 1731
Serial No. 09/769,672	)
Filed: January 25, 2001	) Examiner: Carlos N. Lopez
Title: PROCESS FOR THE MELTING,	)
REFINING AND HOMOGENIZING	)
OF GLASS MELTS	)

**DRAFT**

**AMENDMENT**

21. (Currently amended): A process for producing a glass melt, comprising the steps of:

melting glass in a first stage;  
refining the melt in a second stage, the melt having a polyvalent ion content of at least 0.5 wt. %, with ~~at least one of said melting and the refining steps~~ step conducted at a temperature of at least 1800° C; and  
homogenizing and conditioning the glass in a third stage.

22. (Currently amended): The process of ~~Claim 1~~ Claim 21, wherein ~~at least one of said melting and refining steps~~ step is conducted at a temperature of ~~between 2100° C and 2400° C~~ higher than 1700° C.

23. (Currently amended): The process of ~~Claim 1~~ Claim 21, wherein ~~at least one of said melting and refining steps~~ step is conducted at a temperature of ~~at least 2400° C~~ higher than 2400° C.

24. (Currently amended): The process of ~~Claim 1~~ Claim 21, wherein said refining step is conducted at a temperature of between 1800° C and 2400° C.

25. (Currently amended): The process of ~~Claim 1~~ Claim 21, wherein said polyvalent ions comprise one or more ions selected from the group consisting of vanadium, cerium, zinc, tin, titanium, iron, molybdenum, europium, manganese, and nickel.

26. (Currently amended): The process of ~~Claim 1~~ Claim 21, wherein said melt is free from toxic refining agents.

27. (Currently amended): The process of ~~Claim 1~~ Claim 21, wherein said refining step is conducted by heating the melt in a crucible using an induction coil.

28. (Previously presented): The process of Claim 22, wherein said refining step is conducted at a temperature of between 1800° C and 2400° C.

29. (Previously presented): The process of Claim 23, wherein said refining step is conducted at a temperature of between 1800° C and 2400° C.

30. (Previously presented): The process of Claim 22, wherein said polyvalent ions comprise one or more ions selected from the group consisting of vanadium, cerium, zinc, tin, titanium, iron, molybdenum, europium, manganese, and nickel.

31. (Previously presented): The process of Claim 23, wherein said polyvalent ions comprise one or more ions selected from the group consisting of vanadium, cerium, zinc, tin, titanium, iron, molybdenum, europium, manganese, and nickel.

32. (Previously presented): The process of Claim 24, wherein said polyvalent ions comprise one or more ions selected from the group consisting of vanadium, cerium, zinc, tin, titanium, iron, molybdenum, europium, manganese, and nickel.

33. (Previously presented): The process of Claim 26, wherein said polyvalent ions comprise one or more ions selected from the group consisting of vanadium, cerium, zinc, tin, titanium, iron, molybdenum, europium, manganese, and nickel.

34. (Previously presented): The process of Claim 22, wherein said melt is free from toxic refining agents.